

Aditya Bisht

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EDUCATION

Graphic Era Hill University

Uttarakhand, India

Bachelor of Technology in Computer Science and Technology

2022 – 2026

- Relevant coursework in [Problem Solving, AI / ML, etc.]

SKILLS

Technical: Java, Python, C++, JavaScript, React.js, A.I. Augmented Development, MySQL, MongoDB, Git, Linux, Windows

Tools: Git, GitHub, VS Code, IntelliJ IDEA, Postman, AWS

EXPERIENCE

Freelance Software Developer and Web Developer

Uttarakhand, India

- Developed full-stack web applications using **Next.js**, **Tailwind CSS**, and **MongoDB**.
- Designed and implemented **REST APIs**, authentication, and CRUD functionalities with responsive UI.
- Deployed projects on **Vercel** and managed version control via **Git**.
- Built multiple projects to **practice real-world software development and problem-solving skills**.

PROJECTS

Full-Stack SaaS Application (Community-Driven Platform)

August 2025 – Present

Route F5 [[GITHUB LINK](#)]

- Creating a student-focused platform aimed at simplifying career planning, academic decision-making, and peer-to-peer community interaction.
- Building the frontend using **Next.js**, **Tailwind CSS** and **A.I. Augmentation**, designing backend APIs with **Node.js/Express.js**, and integrating **MongoDB** for scalable data management.
- Currently building and iterating on the platform to enhance functionality, scalability, and community engagement.

Collaborative Whiteboard (Collab-Board) [[Live Link](#)]

April 2025 – July 2025

- Led a **team of 2** as the **Full-Stack Developer**, building a real-time collaborative whiteboard enabling users to draw, add shapes, and interact on an infinite canvas.
- Implemented **undo/redo with Stacks**, **spatial partitioning with Quadtrees**, and **real-time sync using WebSockets** for seamless collaboration.
- Developed using **Next.js**, **Tailwind CSS**, **Node.js**, **MongoDB**, and **Redis**, and deployed on **Vercel** for scalable performance.

AI-Driven DDoS Detection & Mitigation System

August 2025 - Present

- Developed a real-time traffic classification system using **Random Forest** and **Deep Learning** models to detect Distributed Denial of Service (DDoS) attacks with high accuracy.
- Automated mitigation via **firewall APIs** and **dynamic load balancing** to reroute safe traffic.
- Built a monitoring dashboard with **Next.js + Chart.js** for live traffic and anomaly visualization.
- Deployed on cloud servers using **Docker + FastAPI**, ensuring scalability and low-latency response.

ACHIEVEMENTS

- Solved 200+ core DSA problems across [LEETCODE](#) and HackerRank.
- Ranked in the **top 2% globally** in the **Project Euler contest on HackerRank**.
- Completed HackerRank's Basic Certifications in **Problem Solving with Python** and **JavaScript**